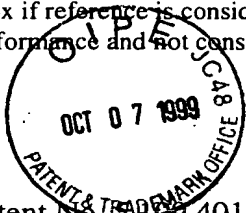


INFORMATION DISCLOSURE STATEMENT	CASE: 1-1-1-1	SERIAL NO.: 09/384646
	APPLICANT: William Kevin Birnie et al	
	FILING DATE: August 27, 1999	GROUP: 2745-2683

Examiner: Initial box if reference is considered, whether or not citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.



### U.S. PATENT DOCUMENTS

☒ AA: Patent No. 5,189,401, filed on July 6, 1990 and issued on April 28, 1992 to Hattori et al. Class: 455 Subclass: 407

☒ AB: Patent No. 5,577,100, filed on January 30, 1995 and issued on November 19, 1996 to McGregor et al. Class: 455 Subclass: 406

### FOREIGN PATENT DOCUMENTS

☒ AL: Patent Abstract of Japan, Publication No. 08191482X, July 23, 1996 of Application No. 07002918, filed January 11, 1995, Takenori et al. Class: H04Q 7/38. Translation: yes.

☒ AM: Patent No. DE 297 01 579 X, issued in Germany on January 31, 1997 to T. Köhler. Class: H04M 15/28. Translation: yes.

*Handwritten signature/initials*

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Att: References as noted above

Examiner: <i>Rafael Cruz - Gutierrez</i>	Date: 9/22/01
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## INFORMATION DISCLOSURE STATEMENT

Case Name. W.K. Birnie 1-1-1-1  
 Serial No. 09/384646  
 Applicant: W.K. Birnie, et al.  
 Filing Date: August 27, 1999  
 Group: ~~2745~~ 2683

## U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date
R.P.G.	AA	5,732,347	03/24/98	Bartle et al.	455	421	06/06/95

## FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation
R.P.G.	AI	<del>W</del> 96/34500	10/31/96	<del>EP</del> WIPO	H04Q	7/20	yes

OTHER (including Author, Title, Date, Pertinent Pages, etc)

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EXAMINER	DATE CONSIDERED
<i>Rafael R. - Kuter</i>	9/22/01

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